3448

R/V DAN MOORE STATION LOG

VESSEL 1)	STATION (2-5)	CRUISE NO. (6-8)	MO. DAY YEAR (9-14)	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)	
M	3448	039	02 14 78	23AL	3452	7617	
DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0005	06	06	07	987	Y	NW	15
S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)
5	FG	SA	E	FT	151	—	10
MIN. FISHED (58-60)							
030							

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00010	0000	0000	00000

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H6	3L1			PO	DO
START	34° 52'	76° 17'	1537	4858	5		1000	1001
							PU	ON
FINISH	34° 53'	76° 15'	1520	4858	4		1031	1034

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1300/2 /5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

Positive Anadromous

1 Sturgeon, 15 Blue back, 2 Alewife

3 hickory shad

FIN	CRUST	SHELL	OTHER
9.9	0	0	0

R/V DAN MOORE SPECIES LIST

STA. NO. 3448 DATE 14 Feb 19 78 BIOLOGISTS BFH SGK SWG D.L.

TOT. CATCH WT. 9.9 AIR 7.0 SURFACE 6.1 BOTTOM 6.0

SAMPLE WT. — RAISING FACTOR — GRID 23 AL

		SUBSAMPLE		TOTAL			
SPECIES	C or NC	NUMBER	WEIGHT	NO.	WT.	X̄ WT	REMARKS
Anchoa mitchilli		numerous			2	<0.1	
A. oxyrhynchus				1	2.5	2.5	584mm B 00990
Alosa aestivalis				15	0.23	<0.1	♀ I
Brevoortia tyrannus				39	1.5	<0.1	
Alosa mediocris				3	0.22	0.1	males
Alosa pseudoharengus	C			2	1.3	0.6	♂
	NC			4	0.25	<0.1	♀ III
Cynoscion regalis				2	0.5	0.25	
Urophycis regius				2	0.2	0.1	
Peprilus triacanthus				4	0.2	<0.1	

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *Alosa aestivalis*
STATION: 3448

DATE: 2/14/78
LOCALITY: Area III 23HL

T.L.	♂	♀		
50-59.9				
60-				
70-				
80-				
90-				
100-				
110-				
120-				
130-				
140-		1		
150-				
160-				
170-				
180-				
190-				
200-				
210-				
220-				
230-				
240-				
250-				
260-				
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T.L.				
550-				
560-				
570-				
580-				
590-				
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610-				
620-				
630-				
640-				
650-				
660-				
670-				
680-				
690-				
700-				

TOTAL

N= 15

♂ = 0

♀ = 1 142

NON QUANT. " juv = 14 80-93

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LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *Alosa psuedoharengus*

STATION: 3448 - 3472

DATE: Feb 78

SUMMARY

LOCALITY: TOTAL AREAS

T.L.	♂	♀	UNSEX	COMB
50-59.9				
60 -				
70 -				
80 -				
90 -				
100 -				
110 -				
120 -	2	3	5	10
130 -	1		3	4
140 -		1		1
150 -	2	2		4
160 -	2	1		3
170 -	2	3	1	6
180 -	3	1		4
190 -	6	1		7
200 -	4	2		6
210 -	5	1		6
220 -	3	4		7
230 -	9	5		14
240 -	8	6		14
250 -	8	6		14
260 -	9	7		16
270 -	1			1
280 -		3		3
290 -		2		2
300 -		1		1
310 -		1		1
320 -				
330 -	N:65	N:50	N=9	N:124
340 -				
350 -				
360 -				
370				
380 -				
390 -				
400 -				
410 -				
420 -				
430 -				
440 -				
450 -				
460 -				
470 -				
480 -				
490 -				
500 -				
510 -				
520				
530 -				
540 -				

T.L.	JUV	AREA	N	RANGE
550 -		III	36	85-120
560 -		IV	76	69-118
570 -				
580 -		TOTAL	112	69-120
590 -				
600 -				
610 -				
620 -				
630 -				
640 -				
650 -				
660 -				
670 -				
680 -				
690 -				
700 -				
TOTAL				
	♂	N = 65	RANGE	124 - 278
	♀	N = 50	"	123 - 311
	UNSEX	N = 9	"	121 - 178
	COMB	N = 124	"	121 - 311

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LENGTH - FREQUENCY DISTRIBUTION

SPECIES: Alosa pseudoharengus

DATE: Feb 78

STATION: 3448 - 3453

LOCALITY: SUMMARY, AREA III

T.L.	♂	♀	UNSEX	COMB.	T.L.	JUV	STATION	N	RANGE
50-57.9					550-		3448	4	112-120
60-					560-		3449	13	87-120
70-					570-		3450	2	106-110
80-					580-		3451	2	94-103
90-					590-		3452	13	85-113
100-					600-		3453	2	98-107
110-					610-				
120-	1	1	4	6	620-	JUV	TOTAL	36	85-120
130-					630-				
140-					640-				
150-					650-	NON SMALT			
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-	1			1	TOTAL				
240-	2	1		3		♂	N= 5	RANGE	124 - 252
250-	1			1		♀	N= 3	RANGE	123 - 264
260-		1		1		UNSEX	N= 4	RANGE	121 - 124
270-									
280-						COMB.	N=12	RANGE	121 - 264
290-	N= 5	N= 3	N= 4	N=12					
300-									
310-									
320-									
330-									
340-									
350-									
360-									
370									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-									

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LENGTH - FREQUENCY DISTRIBUTION

SPECIES: Alosa pseudoharengus

STATION: 3448

DATE: 2/14/78

LOCALITY: Area III 23AL

T.L.	♂	♀	UNSEX	COMB	T.L.
50-59.9					550-
60-					560-
70-					570-
80-					580-
90-					590-
100-					600-
110-					610-
120-					620-
130-					630-
140-					640-
150-					650-
160-					660-
170-					670-
180-					680-
190-					690-
200-					700-
210-					
220-					
230-					TOTAL
240-	1			1	
250-					
260-		1		1	
270-					
280-				N=2	
290-	N=1	N=1			
300-					
310-					
320-					
330-					
340-					
350-					
360-					
370-					
380-					
390-					
400-					
410-					
420-					
430-					
440-					
450-					
460-					
470-					
480-					
490-					
500-					
510-					
520-					
530-					
540-					

NON QUANTITATIVE TOWS

N: 4 RANGE 112-120

♂	N=1	RANGE	241
♀	N=1	RANGE	264

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LENGTH - FREQUENCY DISTRIBUTION

HICEL CAPTURED [illegible] IN AREA [illegible]

SPECIES: Alosa [illegible]

STATION: 3441-3452

DATE: Feb 78 MASTER

LOCALITY: TOTAL AREA

T. L.	♂	♀	UNSEX	[illegible]	T. L.	JUV	STATION	N	[illegible]
50-57.9					550-		3452	1	115
60-					560-				
70-					570-				
80-					580-				
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-	2			2	630-				
140-	1			1	640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-					TOTAL				
240-						♂	N: 3	135-	140
250-	N: 3								
260-									
270-									
280-									
290-									
300-									
310-									
320-									
330-									
340-									
350-									
360-									
370									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
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510-									
520									
530-									
540-									

PAGE ___ OF ___

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: Alosa mediocris

STATION: 3448

DATE: 2/[illegible]

LOCALITY: Area II 2 [illegible]

T.L.	♂	♀	UNSEX	COMB	T.L.				
50-59.9					550-				
60-					560-				
70-					570-				
80-					580-				
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-	2				630-				
140-	1				640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-					TOTAL				
240-						♂	N = 3	139-140	
250-									
260-									
270-									
280-									
290-									
300-									
310-									
320-									
330-									
340-									
350-									
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540-									

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ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 3448

Date 14 Feb 1998

Area of Release 16.5 3W Ocracoke sea buoy

LORAN Start 3H6 1537 3U 4858 6 pm.

Finish 1520 -. 4858 5 pm

Tot. Fish Captured 1

Tot. Fish Tagged 1

No. Retained for analysis 0

Gear Type 15' [illegible] trawl

TAG. NO.	Weight Lbs. Ozs.	F.L. ~~(cm)~~ mm	Species	Remarks
[illegible]	2.5 lbs	584 mm	A. oxyrhynchus	

Species: [illegible]

STATION: [illegible]
GRID: [illegible]
DATE: [illegible]

SPECIMEN #	FORK LENGTH (MM)	SEX	SCALES OR OTOLITHS	AGE	SPAWNING MARKS	REMARKS
1	[illegible]	F	II			
2	[illegible]					
3	[illegible]	[illegible]	I			[illegible] ≤ 120
4	[illegible]	[illegible]				
5	[illegible]	[illegible]				Area [illegible]
6	[illegible]	[illegible]				
7						
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47						
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49						
50						

Species: [illegible]

STATION: [illegible]
GRID: [illegible]
DATE: [illegible]

SPECIMEN #	FORK LENGTH (MM)	SEX	SCALES OR OTOLITHS	AGE	SPAWNING MARKS	REMARKS
1						
2						Area II
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						[illegible]
18						
19						
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50						

Species: [illegible]

STATION: [illegible]
GRID: [illegible]
DATE: [illegible]

SPECIMEN #	FORK LENGTH (MM)	SEX	SCALES OR OTOLITHS	AGE	SPAWNING MARKS	REMARKS
1	1[illegible]	–	[illegible]			
2	[illegible]		[illegible]			Non-guar[illegible]
3	[illegible]	–				
4	[illegible]					Area III
5	[illegible]					
6	[illegible]					♂ N= [illegible]
7	[illegible]	–				♀ 182 N= 1
8	1[illegible]					
9	[illegible]	–				JUV 80 – 93 N= 14
10	[illegible]	–				
11	[illegible]					
12	[illegible]					
13	[illegible]	–				
14	[illegible]	–				
15	9[illegible]	–				
16						
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49						
50						

Species: Acipenser oxyrhynchus

STATION: 3448
GRID: 23AL
DATE: 14Feb'78

SPECIMEN #	FORK LENGTH (MM)	SEX	SCALES OR OTOLITHS	AGE	SPAWNING MARKS	REMARKS
1	584	UNK				Tagged B 00990
2						
3						Area III
4						
5						
6						
7						
8						
9						
10						
11						
12						Anshore
13						
14						
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3448